

ABSTRACT

This report contains the detail of system development of Information Retrieval System which consists of the existing function of the Instructional Material Center which are described by data flow diagrams and data dictionary. The current problems of the center and areas for improvements will be discussed. After analyzing the existing system, a new system is proposed. This part covers the user requirements, system design, security and control, and cost and benefit analysis. Implementation plan is also presented with programming, testing, training and conversion. The Microsoft Access and Water Mark Professional Edition has been selected as the development tools of the system. The goal of this development project is to assist the writing of article of the center, by searching the reference from the materials of the center. The system can retrieve the information for general users as well as organize the keeping of papers.